

MATERIAL SAFETY DATA SHEET



WS-11

SECTION 1		Product and Company Information	
Product identifier		Rustlick WS-11	
Product use		General-purpose water-soluble oil	
Manufacturer		ITW ROCOL North America 3624 West Lake Avenue Glenview, Illinois 60026 1-800-452-5823	
Emergency info		CHEMTREC, 1-800-424-9300	
SECTION 2		Hazards Identification	
Emergency overview		No hazards resulting from the material supplied.	
HMIS rating			
	Health	1	
	Flammability	1	
	Reactivity	0	
	Personal protection	B	
Routes of entry		Skin, eyes, respiratory tract, digestive system.	
Potential short-term health effects			
	Skin	May cause mild irritation.	
	Eyes	May cause mild irritation.	
	Inhalation	May cause irritation to nose and throat. Inhalation of vapors or mist may cause headache, dizziness, and drowsiness.	
	Ingestion	Harmful if swallowed, may cause nausea and vomiting. Ingesting large quantities may cause injury or death.	
Potential long-term health effects		Not known	
SECTION 3		Chemical Composition/Hazardous Ingredients	
Ingredients	CAS #	OSHA/PEL (TWA)	ACGIH/TLV (TWA)
Light naphthenic, severely hydrotreated oil	64742-52-5	5 mg/m ³	5 mg/m ³

* Exact chemical identities and percentages and withheld as trade secrets provided under 29CFR.1910.1200.

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SECTION 4	First Aid Measures
Skin contact	Immediately wash the exposed area thoroughly with soap and water. Remove contaminated clothing. Wash before reuse. If irritation persists, consult physician.
Eye contact	In case of contact, immediately flush with water for at least 15 minutes. If irritation persists, consult physician.
Inhalation	If inhaled, move to fresh air. If irritation persists, consult physician.
Ingestion	If swallowed, DO NOT induce vomiting. Contact a physician immediately. If vomiting occurs, keep head below hips to prevent aspiration of liquid into the lungs.
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SECTION 5	Fire Fighting Measures
Flammable limits	Not available
Products of combustion	Oxides of carbon (CO, CO ₂).
Flash point (method)	> 200°F (93°C) (PMCC)
Auto-ignition temperature	Not available
Explosion data	
	Sensitivity to mechanical impact None known
	Sensitivity to static discharge None known
Fire-fighting media and instructions	In case of fire use water carbon dioxide, dry chemicals, foam, or alcohol foam.
Special fire-fighting procedures/equipment	Self contained breathing apparatus and protective clothing is recommended to protect fire fighters from any hazardous combustion or decomposition products. Pressure build-up in the closed container may occur due to heat exposure.
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SECTION 6	Accidental Release Measures
Personal precautions	Use appropriate safety equipment. Avoid inhaling vapors or mist. Avoid contact with eyes, skin and clothing.
Environmental precautions	Do not allow spilled product to enter drains, sewers, or waterways.
Cleanup	Ventilate area. Eliminate all sources of heat and flame. Stop leak if safe to do so. Contain spill. Use absorbent material, such as vermiculite or sand. Place in suitable container for later disposal.
Prohibited materials	None
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SECTION 7	Handling and Storage
Handling	Use appropriate safety equipment. Use with adequate ventilation. Avoid contact with eyes, skin and clothing. Keep away from extreme heat. Keep container closed when not in use.
Storage	Store away from extreme heat, flame, or ignition sources. Pressure build up may occur due to heat exposure or temperature change. Release pressure by slowly opening container.

SECTION 8 Exposure Controls and Personal Protection	
Hygiene measures	Avoid contact with eyes, skin and clothing. Do not eat, drink, or smoke while handling this product.
Control measures	General ventilation should be sufficient. Providing approved respirators for emergencies, or when mist/vapor concentrations are unknown may be warranted. Availability of eye wash station, washing facilities and safety shower is recommended.
Personal protection	
Skin	Wear suitable gloves; chemical resistant gloves, such as polyvinyl chloride-coated, are recommended. Wear protective clothing suitable to prevent contact. Remove contaminated clothing and launder before wearing.
Eyes	Safety glasses are recommended.
Respiratory	Not normally required. Control vapor or mist concentrations below exposure limits through use of general or local exhaust ventilation.



SECTION 9 Physical and Chemical Properties	
Physical state	Liquid
Color	Brown
Odor	Mild
pH at 10%	9.0
Boiling point	212°F (100°C)
Melting/freezing point	Not available
Vapor pressure	Not available
Solubility in water	Soluble
Specific gravity	0.92
Vapor density	Not available
Evaporation rate	Not available
Volatile organic compounds	Nil

SECTION 10 Reactivity and Stability	
Stability and reactivity	Stable. Hazardous polymerization will not occur.
Conditions to avoid	None
Materials to avoid	Strong oxidizing agents.
Hazardous decomposition products	Thermal decomposition or burning may produce asphyxiant gas.

SECTION 11	Toxicological Information
LD50	Not determined for the product.
LC50	Not determined for the product.
Carcinogenic	None of the ingredients in this product are listed by IARC, ACGIH, NTP or OSHA as carcinogenic.
Teratogenicity	No data
Mutagenicity	No data
Medical conditions aggravated by exposure	Skin disorders.

SECTION 12	Ecological Information
Environmental toxicity	None reported
Aquatic toxicity	No data

SECTION 13	Disposal Considerations
Handling for disposal	Absorb on suitable material and follow procedures listed below.
Methods of disposal	Dispose of in a manner that is recommended by local, state, provincial and federal laws and regulations.

SECTION 14	Transportation Information
Not classified as hazardous for transport according to IATA, 49CFR, and IMDG regulations.	

SECTION 15	Regulatory Information
WHMIS information	No data
CEPA information	No data
TSCA information	All ingredients are included in the TSCA inventory.
SARA Title III	Contains no ingredients which exceed De Minimus reporting requirements.
California Prop 65	The product contains no chemicals known to the state of California to cause cancer or reproductive toxicity.

SECTION 16		Other Information	
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References			
1. ACGIH, <u>Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Indices, 2004.</u>			
2. Canadian Centre for Occupational Health and Safety, CCInfoWeb databases, 2004.			
3. US EPA Title III Lists of Lists - October 2001 version.			
4. Material Safety Data Sheets from manufacturer.			